

StreamLine 6 Linear Light

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TOPBAND StreamLine 6 LED Linear Light is an architectural linear light for replacing traditional fluorescent lights in commercial applications. Available in multiple lengths 4FT and 6FT, the linear lights can be configured to meet a wide variety of needs. The StreamLine 6 Series Linear lights are designed with specialized optics that deliver maximum lumens and conceal the LED light sources behind the lens to create a pleasing dimensional illumination. UGR<19 optional. Flicker-free standard. 0-10V dimmable. Pendant or surface-mounted. Wattage and CCT adjustable.



Product Features

Electrical

- Long-life LED system with an energy-efficient electronic driver comes in UNV (100-277V) version. Offered in standard and high efficacy optional.
- 0-10V dimming optional, from 0 to 100%. Optional 10% to 100% dimming.
- Standard flicker-free design. Power efficiency up to 90%.
- LED drivers have over-voltage, over-current and short circuit protection.
- Surge protection: 1000V. System power factor is >0.9 and THD<20%.
- Can compatible with Philips and more brand drivers.

Optical

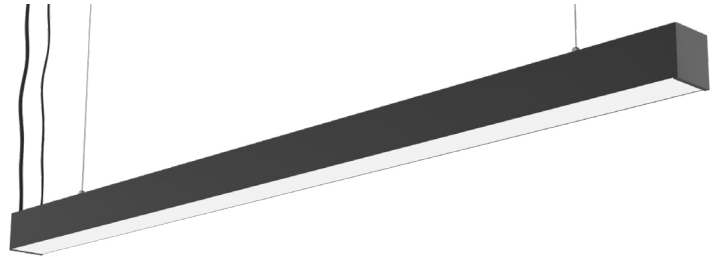
- The standard extruded linear frosted polycarbonate lens obscures the LED image and delivers light evenly.
- Optional microprismatic lens for general lighting with low glare optics design. UGR<19.
- LEDs available in 3000K, 3500K, 4000K and 5000K with CRI>80.
- Projected life is 50,000 hours at 70% lumen output.
- Environmentally-friendly: No mercury. No hazardous substances.
- Wattage and CCT adjustable, reduced energy consumption.

Construction

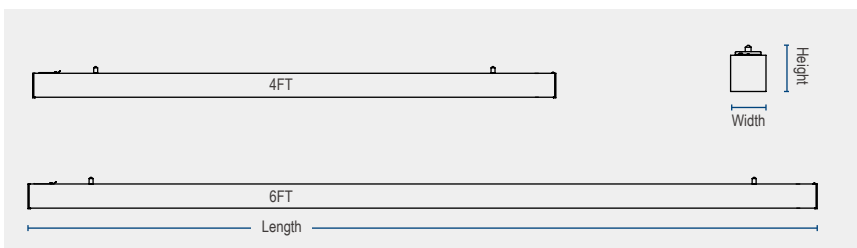
- Plastic end caps and 6063 aluminum body provides strength.
- Available in 4 and 6FT standard lengths.
- Slim and compact fixture without visible screws outside.
- Working temp: -20~50°C (-4~122°F).

Mounting

- With the ability to mount on the wall and ceiling or pendant mount from the ceiling, the StreamLine 6 LED Linear light is highly versatile in where it can be used.
- Continuous row using aluminum connector.
- Applications: Supermarket, Gym, Store, Office, Factory etc.



Product Dimensions



Size	Dimensions Length*Width*Height	Power	Max Connected Quantities		
			100V	120V	277V
4FT	1185*55*56.5mm (46.65*2.17*2.22")	30W	8	9	20
		40W	5	7	15
6FT	1785*55*56.5mm (70.28*2.17*2.22")	50W	3	4	9

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Parameter

Ordering Information									Example: TP6SL6LN4DFLA-30WB
TP	SL6	LN	4	D	F	L	A	30W	B
Manufacturer	Products Series	Products Type	Length	Function	Flicker	AC Input	Version	Product Wattage	LEDs
Topband	StreamLine 6 Series	Linear light	4=4FT 6=6FT	D= Dimmable	Flicker-free	AC100-277V	1 st Generation	30W, 40W, 50W	SMD 2835 LEDs

Efficacy	Model No.	Power	Lumens	Size	CCT Range
130LPW	TP6SL6LN4DFLA-30WB	30W	3900lm	4FT	3000 / 3500 / 4000 / 5000K
	TP6SL6LN4DFLA-40WB	40W	5200lm	4FT	3000 / 3500 / 4000 / 5000K
	TP6SL6LN6DFLA-50WB	50W	7800lm	6FT	3000 / 3500 / 4000 / 5000K
115LPW	TP6SL6LN4DFLA-30WB	30W	3450lm	4FT	3000 / 3500 / 4000 / 5000K
	TP6SL6LN4DFLA-40WB	40W	4600lm	4FT	3000 / 3500 / 4000 / 5000K
	TP6SL6LN6DFLA-50WB	50W	6900lm	6FT	3000 / 3500 / 4000 / 5000K
130LPW Wattage & CCT adjust	TP6SL6LN4DFLA-40WB	30-35-40W	3900-4550-5200lm	4FT	3000-4000-5000K
	TP6SL6LN6DFLA-50WB	40-45-50W	5200-5850-6500lm	6FT	3000-4000-5000K

Summary	
Beam angle:	120°
Power efficiency:	90%
Dimmable:	0-10V
Flicker:	Flicker-free
LED:	SMD 2835 LEDs
Warranty:	5 years
UGR<19:	Optional
Output Voltage:	60V
THD:	<20%
CRI:	>80
PF:	>0.9
Colour:	Black / White / Silver

Details



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Energy saving solution

Estimated lighting costs using a traditional fluorescent lights

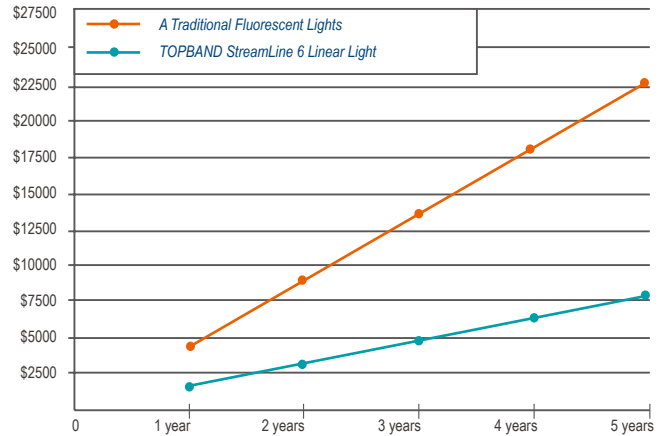
Present wattage	85 W
× Annual operating hours	4,380 hrs
	= 372,300 Watt-Hours
÷ 1,000	= 372,3 kWh per year
× kWh rate of \$0.10	= \$37.23 per year
× 125 fixtures	\$4,653.75 annual energy cost per space

Estimated lighting costs using a TOPBAND StreamLine 6 Linear Light

Present wattage	30 W
× Annual operating hours	4,380 hrs
	= 131,400 Watt-Hours
÷ 1,000	= 131.4 kWh per year
× kWh rate of \$0.10	= \$13.14 per year
× 125 fixtures	\$1,642.5 annual energy cost per space

Total estimated annual savings \$3,011.25

Based on 125 fixtures per space operating 4,380 hours a year. 125 fixtures is roughly equivalent to a 10,000 square foot space. kWh rates will vary.

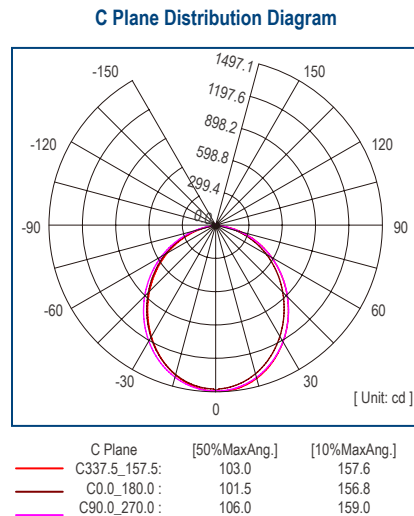
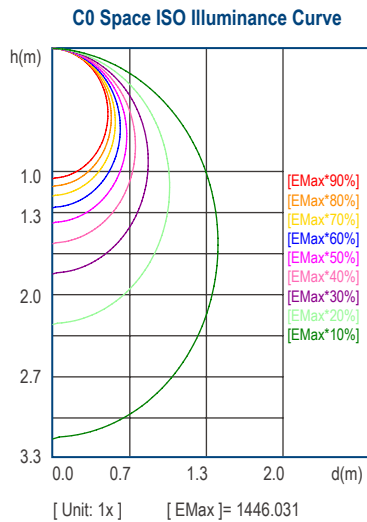


Savings calculations are based on energy costs using \$0.1 per kWh and 12 hours of daily operation.

Photometry

TPSL6LN4DFLA-30WB-2835LEDMLS-3900 nominal delivered lumens

Catalog No. TPSL6LN4DFLA-30WB-P Manufacture: TOPBAND S/MH: C0_a180=1.174 C90_270=1.215 Lamp Type: LED Rated Voltage: 220V	Coefficients of Utilization Coefficients of Utilization - Zonal Cavity Method Coef. Effective Floor Cavity Reflectance RFC=0.20 RhoCC(%) 80 70 50 30 10 0 RhoW(%) 70 50 30 10 70 50 30 10 50 30 10 50 30 10 50 30 10 0 RCR Coefficient of Utilization(%)															
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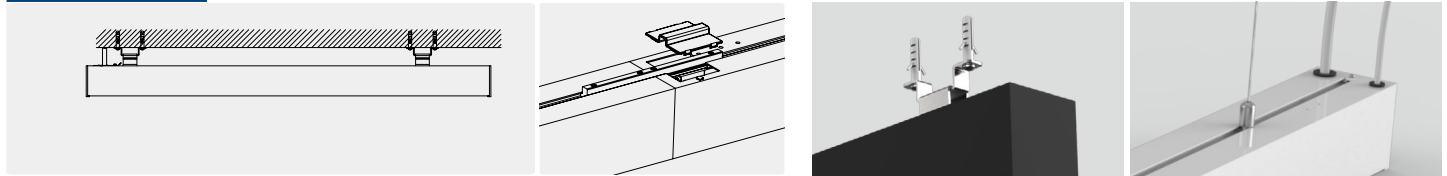


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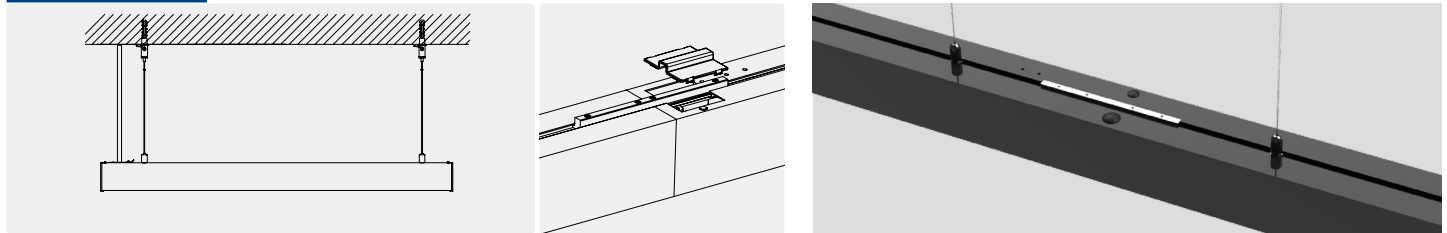
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Installation

Surface mounted



Cable suspended

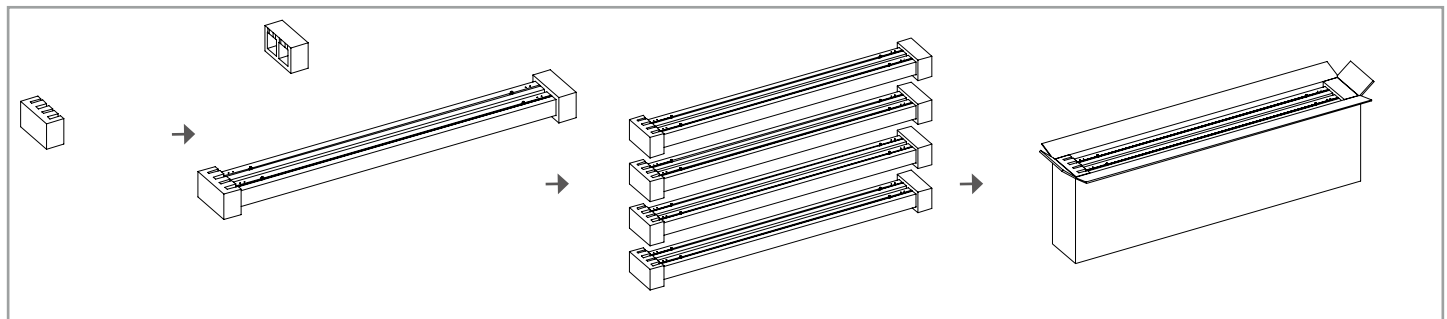


TOPBAND StreamLine 6 Linear Light :

- Please check the accessory bag before installation.
- Turn power off before installation or disassembly.
- Connect the wires correctly.

* Please refer to *Installation Manual of StreamLine 6 Linear Light* for more information.

Schematic Diagram of Packaging



size	N.W. / Product	G.W. / Carton	Product Dimension	Carton Dimension	Pcs / Carton	Container Quantity (ctn)		
						20GP	40GP	40HQ
4FT	1.06 kg(2.33 lb)	11.13 kg(24.53 lb)	1185*55*56.5mm(46.65*2.17*2.22")	1240*170*350mm(48.81*6.69*13.77")	8 pcs, 4 storeys	342	732	854
6FT	1.6 kg(3.52 lb)	16.7 kg(36.81 lb)	1785*55*56.5mm(70.28*2.17*2.22")	1840*170*350mm(72.44*6.69*13.77")	8 pcs, 4 storeys	246	492	581

* Storage temp: -30°C ~ +60°C (-22°F ~ +140°F).

TOPBAND

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FOR LIGHT EFFICIENT DESIGN PRODUCT INFO CALL
 TEL. +86-755 2765 1503 • FAX. +86-755 2765 1845 • Email. sales@tp-led.com •
 SHENZHEN TOPBAND CO.,LTD.
 Add: Topband Industrial Park,Bao'an District,Shenzhen,Guangdong,China

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